

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

C. PATRICK DOHERTY  
JORGE L. deVARONA  
SALMAN AKRAM

Serial No.:

Filing Date: August 1, 2003

Examiner:

Division of Serial No. 10/223,826  
filed 08/20/2002

Art Unit:

For: METHOD AND SYSTEM HAVING SWITCHING  
NETWORK FOR TESTING SEMICONDUCTOR  
COMPONENTS ON A SUBSTRATE

Attorney Docket No. 01-0846.1

**INFORMATION DISCLOSURE STATEMENT**  
**August 1, 2003**

Mail Stop PATENT APPLICATION  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

The following sections are being submitted for this  
Information Disclosure Statement:

1.   x   Preliminary Statements.
2.   x   FORM PTO SB/08
3.        Statement As to Information Material to  
Examination Not Found in Patents or Publications.
4.   x   Identification of Prior Application in Which Listed  
Information Was Already Cited and For Which No Copies  
are Submitted Or Need be Submitted.
5.        Cumulative Patents or Publications.
6.        Copies of Listed Information Items Accompanying  
This Statement.

7. \_\_\_\_\_ Concise Explanation of Non-English Language Listed Information Items.
8. \_\_\_\_\_ Translation(s) of Non-English Language Documents.
9.   x   Identification of Person(s) Making This Information Disclosure Statement.

### Section 1. Preliminary Statements

Applicants submit herewith patents, publications or other information of which they are aware which they believe may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 C.F.R. §1.56.

The filing of this information disclosure statement shall not be construed as a representation that a search has made (37 C.F.R. 1.56 (g)), an admission that the information cited is, or is considered to be, material to patentability or that no other material information exists.

### Section 2. Identification of Person(s) Making This INFORMATION DISCLOSURE STATEMENT

The person making this statement is

- (a) \_\_\_\_\_ the inventor(s) who signs below

\_\_\_\_\_  
SIGNATURE OF INVENTOR

\_\_\_\_\_  
Name of Inventor

- (b)   x   the attorney who signs below on the basis of:

\_\_\_\_\_ the information supplied by the inventor(s)

\_\_\_\_\_ an individual associated with the filing and prosecution of this application (37 CFR 1.56(c))

  x   the information in the attorney's file.

### Section 3. Identification of Prior Application In Which Listed Information Was Already Cited and For Which No Copies are Submitted or Needed Be Submitted.

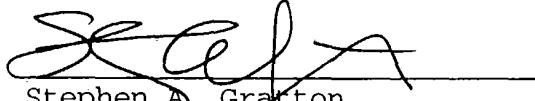
This application relies, under 35 U.S.C. 120, on the earlier filing date of application serial no. 10/223,826 filed on 08/20/2002, which is a CIP of serial no. 09/675,072, filed 09/28/2000, Patent No. 6,433,574, which is a division of serial no. 09/244,373, filed 02/04/1999, Patent No.

6,337,577, which is a CIP of serial no. 09/075,691, filed 05/11/1998, Patent No. 6,246,250.

The attached list of references were submitted to and/or cited by the Office in the prior application and, therefore, are not required to be provided in this application pursuant to 37 CFR §1.98(d).

DATED this 1st day of August, 2003.

Respectfully submitted:

  
Stephen A. Gratton  
Registration No. 28,418  
Attorney for Applicants

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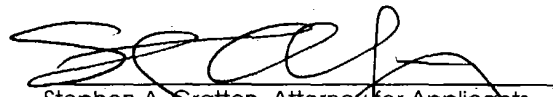
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**Date of Deposit: August 1, 2003**

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Address" Service under 37 CFR 1.10 on the date indicated above and is addressed to the Mail Stop Patent Application, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

August 1, 2003  
Date of Signature

  
Stephen A. Gratton, Attorney for Applicants

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Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

**Complete if Known**

Application Number	
Filing Date	August 1, 2003
First Named Inventor	C. PATRICK DOHERTY
Art Unit	
Examiner Name	
Attorney Docket Number	01-0846.1

Sheet	1	of	4
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## U. S. PATENT DOCUMENTS

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	A	US- 3,806,801	04/23/1974	Bove	
	B	US- 4,027,935	06/07/1997	Byrnes et al.	
	C	US- 4,585,991	04/19/1986	Reid et al.	
	D	US- 4,891,585	01/02/1990	Janko et al.	
	E	US- 4,906,920	03/06/1990	Huff et al.	
	F	US- 4,918,383	04/17/1990	Huff et al.	
	G	US- 4,954,458	09/04/1990	Reid	
	H	US- 5,042,148	08/27/1991	Tada et al.	
	I	US- 5,053,700	10/01/1991	Parrish	
	J	US- 5,055,780	10/08/1991	Takagi et al.	
	K	US- 5,070,297	12/03/1991	Kwon et al.	
	L	US- 5,103,557	04/14/1992	Leedy	
	M	US- 5,124,639	01/23/1992	Carlin et al.	
	N	US- 5,172,050	12/15/1992	Swapp	
	O	US- 5,177,439	01/05/1993	Liu et al.	
	P	US- 5,180,977	01/19/1993	Huff	
	Q	US- 5,196,726	03/23/1993	Nishiguichi et al.	
	R	US- 5,225,037	07/06/1993	Elder et al.	
	S	US- 5,264,787	11/23/1993	Woith et al.	

**FOREIGN PATENT DOCUMENTS**

[illegible]

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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		Filing Date	August 1, 2003
		First Named Inventor	C. PATRICK DOHERTY
		Art Unit	
		Examiner Name	
Sheet <u>2</u>	of <u>4</u>	Attorney Docket Number	01-0846.1

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		Number-Kind Code <sup>2</sup> (if known)			
	T	US- 5,323,107	6/21/1994	D'Souza	
	U	US- 5,329,423	07/12/1994	Scholz	
	V	US- 5,475,317	12/12/1995	Smith	
	W	US- 5,477,169	12/19/1995	Love	
	X	US- 5,483,741	01/16/1991	Akram	
	Y	US- 5,491,427	02/13/1996	Ueno et al.	
	AA	US- 5,500,605	03/19/1996	Chang	
	AB	US- 5,592,736	01/14/1997	Akram et al.	
	AC	US- 5,625,298	04/29/1997	Hirano et al.	
	AD	US- 5,686,317	11/11/1997	Akram et al.	
	AE	US- 5,736,850	04/07/1998	Legal	
	AF	US- 5,789,271	08/04/1998	Akram	
	AG	US- 5,834,945	11/10/1998	Akram et al.	
	AH	US- 5,869,974	02/09/1999	Akram et al.	
	AI	US- 5,915,977	06/29/1999	Hembree et al.	
	AJ	US- 5,918,107	06/29/1999	Fogal	
	AK	US- 5,962,921	10/05/1999	Farnworth et al.	
	AL	US- 6,106,060	01/18/2000	Akram et al.	
	AM	US- 6,040,702	03/21/2000	Hembree et al.	

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Compleat if Known**Sheet **3** of **4**

Application Number	
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Attorney Docket Number	01-0846.1

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	AN	US- 6,060,891	05/09/2000	Hembree et al.	
	AO	US- 6,064,216	05/16/2000	Farnworth	
	AP	US- 6,072,321	06/06/2000	Akram et al.	
	AQ	US- 6,078,186	06/20/2000	Hembree et al.	
	AR	US- 6,091,252	07/18/2000	Akram et al.	
	AS	US- 6,107,109	08/22/2000	Akram et al.	
	AT	US- 6,114,240	09/05/2000	Akram et al.	
	AU	US- 6,127,736	10/03/2000	Akram	
	AV	US- 6,181,144B1	01/30/2001	Hembree et al.	
	AW	US- 6,188,232B1	02/13/2001	Akram et al.	
	AX	US- 6,204,678B1	03/20/2001	Akram et al.	
	AY	US- 6,208,157B1	03/27/2001	Akram et al.	
	AA	US- 6,218,848B1	04/17/2001	Hembree et al.	
	BA	US- 6,229,324B1	05/08/2001	Akram et al.	
	BB	US- 6,232,243B1	05/15/2001	Farnworth et al.	
	BC	US- 6,239,590B1	05/29/2001	Krivy et al.	
	BD	US- 6,242,935B1	06/05/2001	Akram	
	BE	US- 6,246,245B1	06/12/2001	Akram et al.	
	BF	US- 6,246,250B1	06/12/2001	Doherty et al.	

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	BG	US- 6,261,854B1	07/17/2001	Akram et al.	
	BH	US- 6,275,052B1	08/14/2001	Hembree et al.	
	BI	US- 6,281,044B1	08/28/2001	VanNortwick	
	BJ	US- 6,285,203B1	09/04/2001	Akram et al.	
	BK	US- 6,294,837B1	09/25/2001	Akram et al.	
	BL	US- 6,300,786	10/09/2001	Doherty et al.	
	BM	US- 6,337,577B1	01/08/2002	Doherty et al.	
	BN	US- 6,336,112B1	04/02/2002	Doherty et al.	
	BO	US- 6,433,574	08/13/2002	Doherty et al.	
	BP	US- 6,466,047	10/15/2002	Doherty et al.	
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